**Package-01 1. Construction of Govt School rooms, Palanahalli and Kattigenahalli Village in Ward No. 05 2. Improvements to roads and drains in Agrahara, Agrahara Layout and Surrounding area in Ward No. 05 3. Improvements to Roads and Drains in Koglu Layout and Surrounding areas in Ward No. 05 4. Improvements to Roads and Drains at Tirumenahalli and Surrounding areas in Ward No. 05**

**AGENCY:- SHANKARAPPA ( MESPC INFRA PROJECTS PRIVATE LIMITED )**
**Estimated cost: 21570310.62**
**Amount put to Tender as per Sanction : 2,32,95,935.40**
**Agreement No. EE/Project/AG No: 83/18-19, Date : 29/12/2019**
**Accepted Tendered Amount : 2,32,95,935.40**
**Head of Account :**

**Comparative Statement**

| Sl. No. | Description of work | Unit | As per Estimate | | | As per Tender | | | Total Anticipated Qty | Total Amount 14+17 | Qty up to 125% | | | | | Qty above 125% | | | Excess Amount 11-09 | Savings Amount 11 - 9 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Rate | Amount | | | Qty | | Qty | Rate | Amount | Qty | Rate | Amount | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification As per the direction of Engineer incharge | Cum | 1294.20 | 202.92 | 262619.06 | 1294.20 | 219.15 | 283628.59 | 1269.60 | 278237.41 | 1269.60 | 0.00 | 1269.60 | 219.15 | 278237.41 | 0.00 | 219.15 | 0.00 | | 5391.18 | |
| 2 | Removing and refixing stone slabs of drains and pointing in CM (1:3) As per the direction of Engineer incharge | Sqm | 1973.38 | 80.56 | 158975.49 | 1973.38 | 87.00 | 171693.53 | 1729.44 | 150469.58 | 1729.44 | 0.00 | 1729.44 | 87.00 | 150469.58 | 0.00 | 87.00 | 0.00 | | 21223.95 | |
| 3 | Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc. Complete 7.5cms thick As per the direction of Engineer incharge | Sqm | 1510.34 | 665.68 | 1005403.13 | 1510.34 | 719.93 | 1085835.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 719.93 | 0.00 | 0.00 | 719.93 | 0.00 | | 1085835.38 | |
| 4 | Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. As per the direction of Engineer incharge | Cum | 4279.68 | 164.76 | 705120.08 | 4279.68 | 177.04 | 761529.68 | 3217.08 | 572449.43 | 3217.08 | 0.00 | 3217.08 | 177.94 | 572449.43 | 0.00 | 177.94 | 0.00 | | 189080.25 | |
| 5 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- bnse/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications As per the direction of Engineer incharge | Cum | 4270.68 | 1768.08 | 7550903.89 | 4270.68 | 1909.53 | 8154976.21 | 2895.53 | 5529090.98 | 2895.53 | 0.00 | 2895.53 | 1909.53 | 5529090.98 | 0.00 | 1909.53 | 0.00 | | 2625885.23 | |
| 6 | Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications As per As per the direction of Engineer incharge | Sqm | 17082.70 | 27.56 | 470799.21 | 17082.70 | 29.76 | 508463.15 | 11582.12 | 344739.49 | 11582.12 | 0.00 | 11582.12 | 29.76 | 344739.49 | 0.00 | 29.76 | 0.00 | | 163723.66 | |
| 7 | Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. As per the direction of Engineer incharge | Sqm | 17082.70 | 12.72 | 217291.94 | 17082.70 | 13.74 | 234675.30 | 15938.12 | 218951.52 | 15938.12 | 0.00 | 15938.12 | 13.74 | 218951.52 | 0.00 | 13.74 | 0.00 | | 15723.78 | |
| 8 | Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. As per the direction of Engineer incharge | Cum | 683.31 | 8118.54 | 5547479.57 | 683.31 | 8770.02 | 5992644.55 | 437.76 | 3839207.45 | 437.76 | 0.00 | 437.76 | 8770.02 | 3839207.45 | 0.00 | 8770.02 | 0.00 | | 2153437.10 | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. As per the direction of Engineer incharge | Sqm | 710.60 | 542.72 | 385656.83 | 710.60 | 586.14 | 416509.38 | 447.25 | 262150.04 | 447.25 | 0.00 | 447.25 | 586.14 | 262150.04 | 0.00 | 586.14 | 0.00 | | 154359.34 | |
| 10 | Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications | Cum | 4.50 | 5348.76 | 24069.42 | 4.50 | 5776.66 | 25994.97 | 17.18 | 99222.81 | 4.50 | 1.13 | 5.63 | 5776.66 | 32522.60 | 11.55 | 5776.66 | 66700.21 | 73227.84 | | |
| 11 | reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel | Cum | 45.45 | 6217.96 | 282606.28 | 45.45 | 6715.40 | 305214.78 | 39.18 | 263085.74 | 39.18 | 0.00 | 39.18 | 6715.40 | 263085.74 | 0.00 | 6715.40 | 0.00 | | 42129.04 | |
| 12 | Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc , with all lead and lift. | Sqm | 454.50 | 95.40 | 43359.30 | 454.50 | 103.03 | 46828.04 | 114.51 | 11798.19 | 114.51 | 0.00 | 114.51 | 103.03 | 11798.19 | 0.00 | 103.03 | 0.00 | | 35029.85 | |
| 13 | Earthwork in surface excavation in Ordinary soil for levelling and lowering the ground manually ( other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables ) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications specification No. KBS 2.1(a) / 2.3.1 Note - Adopt item 2.24 for excavation in all types of soils for lowering & levelling the ground for building works by mechanical means | Cum | 76.50 | 169.56 | 12971.34 | 76.50 | 183.12 | 14009.05 | 7054.43 | 1291840.17 | 76.50 | 19.13 | 95.63 | 183.12 | 17512.22 | 6958.80 | 183.12 | 1274327.94 | 1277831.12 | | |
| 14 | Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m including breaking of clods complete as per specifications | Cum | 151.10 | 204.12 | 30842.53 | 151.10 | 220.45 | 33309.93 | 311.60 | 68692.63 | 151.10 | 37.78 | 188.88 | 220.45 | 41638.52 | 122.72 | 220.45 | 27054.11 | 35382.69 | | |
| 15 | Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chlorpyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications (Plinth area of the building at ground floor only shall be measured ) | Sqm | 211.00 | 111.24 | 23471.64 | 211.00 | 120.14 | 25349.37 | 229.33 | 27551.52 | 211.00 | 18.33 | 229.33 | 120.14 | 27551.52 | 0.00 | 120.14 | 0.00 | 2202.15 | | |
| 16 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85Cum and fine aggregates @ 0.57Cum. machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications | Cum | 39.10 | 5256.36 | 205523.68 | 39.10 | 5676.87 | 221965.57 | 62.36 | 354020.58 | 39.10 | 9.78 | 48.88 | 5676.87 | 277485.35 | 13.48 | 5676.87 | 76535.23 | 132055.01 | | |



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| 17 | Providing and laying in position plain cement concrete of mix 1 2 4 with cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0 878 cum and fine aggregates @ 0 53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery curing complete as per specifications Ground Floor | Cum | 4.50 | 5876.28 | 26443.26 | 4.50 | 6346.38 | 28558.72 | 16.70 | 105964.18 | 4.50 | 1.13 | 5.63 | 6346.38 | 35730.13 | 11.07 | 6346.38 | 70234.05 | 77405.46 | | |
| 18 | Providing and laying in position plain cement concrete of mix 1 2 4 with cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0 878 cum and fine aggregates @ 0 53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Terrace | Cum | 1.00 | 5984.28 | 5984.28 | 1.00 | 6463.02 | 6463.02 | 1.07 | 6908.97 | 1.00 | 0.07 | 1.07 | 6463.02 | 6908.97 | 0.00 | 6463.02 | 0.00 | 445.95 | | |
| 19 | Providing and laying in position plain cement concrete of mix 1 2 4 with cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0 878 cum and fine aggregates @ 0 53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Window Cills | Cum | 0.20 | 5930.28 | 1186.06 | 0.20 | 6404.70 | 1280.94 | 0.56 | 3586.63 | 0.56 | 0.00 | 0.56 | 6404.70 | 3586.63 | 0.00 | 6404.70 | 0.00 | 2305.69 | | |
| 20 | Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications | cum | 311.30 | 274.32 | 85395.82 | 311.30 | 296.27 | 92227.48 | 443.84 | 131493.84 | 311.30 | 77.83 | 389.13 | 296.27 | 115285.83 | 54.71 | 296.27 | 16208.00 | 39266.35 | | |
| 21 | Providing and laying cinder concrete in cement 1.15 ( 1 cement : 15 cinder of 12 5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications | Cum | 0.40 | 2054.16 | 821.66 | 0.40 | 2218.49 | 887.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2218.49 | 0.00 | 0.00 | 2218.49 | 0.00 | | 887.40 | |
| 22 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications | Sqm | 58.40 | 249.48 | 14569.63 | 58.40 | 269.44 | 15735.20 | 97.28 | 26210.97 | 58.40 | 14.60 | 73.00 | 269.44 | 19669.00 | 24.28 | 269.44 | 6541.96 | 10475.76 | | |
| 23 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications | Sqm | 79.20 | 316.44 | 25062.05 | 79.20 | 341.76 | 27067.01 | 199.33 | 68117.89 | 79.20 | 19.80 | 99.00 | 341.76 | 33833.76 | 100.32 | 341.76 | 34284.13 | 41050.88 | | |
| 24 | Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square rectangular polygon in plan including cost of all materials, labour complete as per specifications Below Ground Floor | Sqm | 10.70 | 395.28 | 4229.50 | 10.70 | 426.90 | 4567.86 | 35.57 | 15186.88 | 10.70 | 2.68 | 13.38 | 426.90 | 5711.95 | 22.19 | 426.90 | 9474.93 | 10619.03 | | |
| 25 | Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square rectangular polygon in plan including cost of all materials, labour complete as per specifications Ground Floor | Sqm | 81.40 | 395.28 | 32175.79 | 81.40 | 426.90 | 34749.86 | 78.44 | 33486.40 | 78.44 | 0.00 | 78.44 | 426.90 | 33486.40 | 0.00 | 426.90 | 0.00 | | 1263.46 | |
| 26 | Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square rectangular polygon in plan including cost of all materials, labour complete as per specifications First Floor | Sqm | 30.30 | 400.68 | 12140.60 | 30.30 | 432.73 | 13111.85 | 28.86 | 12488.71 | 28.86 | 0.00 | 28.86 | 432.73 | 12488.71 | 0.00 | 432.73 | 0.00 | | 623.14 | |
| 27 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications Lintel | Sqm | 139.70 | 276.48 | 38624.26 | 139.70 | 298.60 | 41714.20 | 65.97 | 19699.73 | 65.97 | 0.00 | 65.97 | 298.60 | 19699.73 | 0.00 | 298.60 | 0.00 | | 22014.47 | |
| 28 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications First Floor | Sqm | 11.60 | 281.88 | 3269.81 | 11.60 | 304.43 | 3531.39 | 12.40 | 3774.94 | 11.60 | 0.80 | 12.40 | 304.43 | 3774.94 | 0.00 | 304.43 | 0.00 | 243.54 | | |



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| 29 | Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications Roof Beam | Sqm | 28 70 | 276.48 | 7934.98 | 28.70 | 298.60 | 8569.77 | 190.85 | 56986.85 | 28.70 | 7.18 | 35.88 | 298.60 | 10713.71 | 154.97 | 298.60 | 46273.14 | 48417.07 | | |
| 30 | Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications First Floor | Sqm | 28 70 | 281.88 | 8089.96 | 28.70 | 304 43 | 8737.15 | 36.19 | 11017.34 | 28.70 | 7.49 | 36.19 | 304.43 | 11017.34 | 0.00 | 304.43 | 0.00 | 2280.18 | | |
| 31 | Providing and removing centering, shuttering, strutting, propping etc , for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications Ground Floor | Sqm | 9 90 | 291.60 | 2886.84 | 9.90 | 314 93 | 3117.79 | 9.00 | 2834.35 | 9.00 | 0.00 | 9.00 | 314.93 | 2834.35 | 0.00 | 314.93 | 0.00 | | 283.44 | |
| 32 | Providing and removing centering, shuttering, strutting, propping etc , for chajjas, corbels etc , including edges including cost of all materials, labour complete as per specifications First Floor | Sqm | 2 60 | 297.00 | 772.20 | 2.60 | 320 76 | 833.98 | 3.60 | 1154.74 | 2.60 | 0.65 | 3.25 | 320.76 | 1042.47 | 0.35 | 320.76 | 112.27 | 320.76 | | |
| 33 | Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification Ground Floor | Sqm | 10 40 | 513.00 | 5335.20 | 10.40 | 554 04 | 5762.02 | 35.45 | 19641.27 | 10.40 | 2.60 | 13.00 | 554.04 | 7202.52 | 22.45 | 554.04 | 12438.75 | 13879.26 | | |
| 34 | Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons up to 3 50m from Ground level Ground Floor | Sqm | 208 40 | 338.04 | 70447.54 | 208.40 | 365 08 | 76083.34 | 260.45 | 95084.09 | 208.40 | 52.05 | 260.45 | 365.08 | 95084.09 | 0.00 | 365.08 | 0.00 | 19000.76 | | |
| 35 | Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons up to 3 50m from Ground level First Floor | Sqm | 34 80 | 343.44 | 11951.71 | 34.80 | 371 92 | 12942.65 | 73.69 | 27404.57 | 34.80 | 8.70 | 43.50 | 371.92 | 16178.31 | 30.19 | 371.92 | 11226.26 | 14461.92 | | |
| 36 | KSRB 4 2 1 Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0 70 Cum and fine aggregtes @ 0 47Cum , with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No KBS 4 1, 4 6 | Cum | 21 00 | 6718.68 | 141092.28 | 21.00 | 7256 17 | 152379.64 | 62.45 | 453117.76 | 21.00 | 5.25 | 26.25 | 7256.17 | 190474.58 | 36.20 | 7256.17 | 262643.18 | 300738.10 | | |
| 37 | Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0 70cum and fine aggregtes @ 0 47cum, with superplastruser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications Ground Floor | Cum | 49 50 | 6876.36 | 340379.82 | 49.50 | 7426 47 | 367610.21 | 69.84 | 518685.64 | 49.50 | 12.38 | 61.88 | 7426.47 | 459549.89 | 7.96 | 7426.47 | 59135.75 | 151075.43 | | |

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| 38 | Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0 70cum and fine aggregtes @ 0 47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc , including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. First Floor | Cum | 10.00 | 6930.36 | 69303.60 | 10.00 | 7484.79 | 74847.89 | 14.90 | 111505.02 | 10.00 | 2.50 | 12.50 | 7484.79 | 93559.86 | 2.40 | 7484.79 | 17945.16 | 366657.13 | |
| 39 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0 05175Cum and fine aggregtes @ 0 0345Cum , with superplastisiser @0 225lts, machine mixed, well compacted for plain chaja of 7 5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Ground Floor | Sqm | 9 90 | 492.48 | 4875.55 | 9.90 | 531 80 | 5265.60 | 4.01 | 2130.17 | 4.01 | 0.00 | 4.01 | 531.88 | 2130.17 | 0.00 | 531.88 | 0.00 | | 3135.42 |
| 40 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0 05175Cum and fine aggregtes @ 0 0345Cum , with superplastisiser @0 225lts, machine mixed, well compacted for plain chaja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. First Floor | Sqm | 2 60 | 497.88 | 1294.49 | 2.60 | 537 71 | 1398.05 | 3.60 | 1935.76 | 2.60 | 0.65 | 3.25 | 537.71 | 1747.56 | 0.35 | 537.71 | 188.20 | 537.71 | |
| 41 | Extra for providing throating or drip moulding to R C C. chaja with plastering ( labour charges only ) as per specifications. Ground Floor | m | 16 40 | 21.60 | 354.24 | 16.40 | 23 33 | 382.58 | 12.60 | 293.93 | 12.60 | 0.00 | 12.60 | 23.33 | 293.93 | 0.00 | 23.33 | 0.00 | | 88.65 |
| 42 | Extra for providing throating or drip moulding to R C C. chaja with plastering ( labour charges only ) as per specifications. First Floor | m | 4 20 | 21.60 | 90.72 | 4.20 | 23 33 | 97.98 | 3.60 | 83.98 | 3.60 | 0.00 | 3.60 | 23.33 | 83.98 | 0.00 | 23.33 | 0.00 | | 14.00 |
| 43 | Providing T M T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Below Ground Level | MT | 7.80 | 65455.56 | 510553.37 | 7.80 | 70692 00 | 551397.64 | 14.50 | 1025034.07 | 7.80 | 1.95 | 9.75 | 70692.00 | 689247.05 | 4.75 | 70692.00 | 335787.02 | 4736636.43 | |
| 44 | Providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. First Floor | MT | 1 30 | 65965.32 | 85754.92 | 1.30 | 71242 85 | 92615.31 | 1.84 | 131362.03 | 1.30 | 0.33 | 1.63 | 71242.55 | 116125.35 | 0.21 | 71242.55 | 15236.68 | 38746.72 | |
| 45 | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1 6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5 1 13 | Cum | 18.60 | 5405.40 | 100540.44 | 18.60 | 6037.83 | 108583.68 | 41.60 | 242857.20 | 18.60 | 4.65 | 23.25 | 5837.83 | 135729.59 | 18.35 | 5837.83 | 107127.60 | 134273.52 | |
| 46 | KSRB 5 4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1 6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5 1 13 | Cum | 8.00 | 5668.92 | 45351.36 | 8.00 | 6122 43 | 48979.47 | 16.37 | 100220.07 | 8.00 | 2.00 | 10.00 | 6122.43 | 61224.34 | 6.37 | 6122.43 | 38995.74 | 51240.61 | |



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| 47 | KSRB 15 1 1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1 3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications | Sqm | 17.60 | 104.76 | 1843.78 | 17.60 | 113.14 | 1991.28 | 34.22 | 3871.63 | 17.60 | 4.40 | 22.00 | 113.14 | 2489.10 | 12.22 | 113.14 | 1382.54 | 1880.35 | |
| 48 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Ground Floor | Sqm | 239.60 | 1011.96 | 242465.62 | 239.60 | 1092.92 | 261862.87 | 251.85 | 275251.10 | 239.60 | 12.25 | 251.85 | 1092.92 | 275251.10 | 0.00 | 1092.92 | 0.00 | 13333.23 | |
| 49 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. First Floor | Sqm | 55.70 | 1017.36 | 56666.95 | 55.70 | 1098.75 | 61200.31 | 58.68 | 64474.58 | 55.70 | 2.98 | 58.68 | 1098.75 | 64474.58 | 0.00 | 1098.75 | 0.00 | 3274.27 | |
| 50 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Terrace | Sqm | 10.80 | 1022.76 | 11045.81 | 10.80 | 1104.58 | 11929.47 | 46.60 | 51467.94 | 10.80 | 2.70 | 13.50 | 1104.58 | 14911.84 | 33.10 | 1104.58 | 36556.10 | 39538.47 | |
| 51 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications Ground Floor | Sqm | 6.00 | 773.28 | 4639.68 | 6.00 | 835.14 | 5010.85 | 37.10 | 30983.78 | 6.00 | 1.50 | 7.50 | 835.14 | 6263.57 | 29.60 | 835.14 | 24720.22 | 25972.93 | |
| 52 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. First Floor | Sqm | 9.80 | 778.68 | 7631.06 | 9.80 | 840.97 | 8241.55 | 14.30 | 12025.93 | 9.80 | 2.45 | 12.25 | 840.97 | 10301.94 | 2.05 | 840.97 | 1724.00 | 5784.38 | |
| 53 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Terrace | Sqm | 66.80 | 784.08 | 52376.54 | 66.80 | 846.81 | 56566.67 | 99.61 | 84348.69 | 66.80 | 16.70 | 83.50 | 846.81 | 70708.33 | 16.11 | 846.81 | 13640.36 | 27782.02 | |
| 54 | Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor | Sqm | 363.00 | 213.84 | 77623.92 | 363.00 | 230.95 | 83833.83 | 442.43 | 102177.97 | 363.00 | 79.43 | 442.43 | 230.95 | 102177.97 | 0.00 | 230.95 | 0.00 | 18344.14 | |
| 55 | Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. First Floor | Sqm | 76.00 | 224.64 | 17072.64 | 76.00 | 242.61 | 18438.45 | 102.78 | 24935.58 | 76.00 | 19.00 | 95.00 | 242.61 | 23048.06 | 7.78 | 242.61 | 1887.52 | 6497.13 | |
| 56 | Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Terrace | Sqm | 154.00 | 235.44 | 36257.76 | 154.00 | 254.28 | 39158.38 | 254.28 | 64657.30 | 154.00 | 38.50 | 192.50 | 254.28 | 48947.98 | 61.78 | 254.28 | 15709.33 | 25498.92 | |



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| 87 | Extra for providing and mixing waterproofing compounds in cement plaster work at one kg per bag or as the proportion recommended by the manufacturers, for cement mortar 1:4. (18mm thick cost of materials complete as per specifications. Ground Floor | Sqm | 472.00 | 8.64 | 4078.08 | 472.00 | 9.33 | 4404.33 | 442.43 | 4128.40 | 442.43 | 0.00 | 442.43 | 9.33 | 4128.40 | 0.00 | 9.33 | 0.00 | | 275.93 | |
| 88 | Extra for providing and mixing waterproofing compounds in cement plaster work at one kg per bag or as the proportion recommended by the manufacturers, for cement mortar 1:4. (18mm thick cost of materials complete as per specifications. First Floor | Sqm | 76.00 | 8.64 | 656.64 | 76.00 | 9.33 | 709.17 | 102.78 | 959.06 | 76.00 | 19.00 | 95.00 | 9.33 | 886.46 | 7.78 | 9.33 | 72.60 | 149.89 | | |
| 89 | Extra for providing and mixing waterproofing compounds in cement plaster work at one kg per bag or as the proportion recommended by the manufacturers, for cement mortar 1:4. (18mm thick cost of materials complete as per specifications. Terrace | Sqm | 45.00 | 8.64 | 388.80 | 45.00 | 9.33 | 419.90 | 254.28 | 2372.75 | 45.00 | 11.25 | 56.25 | 9.33 | 524.88 | 198.03 | 9.33 | 1847.87 | 1952.84 | | |
| 90 | Providing and fixing plaster mesh (50mm wide manufactured out of hot dipped galvanized iron of minimum thickness 0.28mm with a zinc coating of 120gms per sqm width, along roots of walls chopped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. ( length of mesh cloth be measured for payment ) Ground Floor | m | 457.00 | 36.00 | 16452.00 | 457.00 | 38.88 | 17768.16 | 243.20 | 9455.62 | 243.20 | 0.00 | 243.20 | 38.88 | 9455.62 | 0.00 | 38.88 | 0.00 | | 8312.54 | |
| 91 | Providing and fixing plaster mesh (50mm wide manufactured out of hot dipped galvanized iron of minimum thickness 0.28mm with a zinc coating of 120gms per sqm width, along roots of walls chopped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. ( length of mesh cloth be measured for payment ) First Floor | m | 123.00 | 36.00 | 4428.00 | 123.00 | 38.88 | 4782.24 | 116.80 | 4541.18 | 116.80 | 0.00 | 116.80 | 38.88 | 4541.18 | 0.00 | 38.88 | 0.00 | | 241.06 | |
| 92 | Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Internal Plastering) Ground Floor | sqm | 310.00 | 180.36 | 55911.60 | 310.00 | 194.79 | 60384.53 | 453.13 | 88264.34 | 310.00 | 77.50 | 387.50 | 194.79 | 75480.66 | 65.63 | 194.79 | 12783.68 | 27879.81 | | |
| 93 | Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Internal Plastering) First Floor | sqm | 61.00 | 185.76 | 11331.36 | 61.00 | 200.62 | 12237.87 | 63.72 | 12783.54 | 61.00 | 2.72 | 63.72 | 200.62 | 12783.56 | 0.00 | 200.62 | 0.00 | 545.69 | | |
| 94 | Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor | sqm | 205.00 | 208.44 | 42730.20 | 205.00 | 225.12 | 46145.62 | 234.76 | 52846.92 | 205.00 | 29.76 | 234.76 | 225.12 | 52846.92 | 0.00 | 225.12 | 0.00 | 6698.30 | | |
| 95 | Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. First Floor | sqm | 36.00 | 213.84 | 7698.24 | 36.00 | 230.95 | 8314.10 | 41.42 | 9564.68 | 36.00 | 5.42 | 41.42 | 230.95 | 9564.68 | 0.00 | 230.95 | 0.00 | 1250.58 | | |
| 96 | Flooring with 20 mm thick polished stratmead slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Ground Floor | sqm | 235.00 | 1254.92 | 30496.20 | 235.00 | 1398.51 | 32865.70 | 224.83 | 31589.35 | 225.83 | 0.00 | 225.83 | 1398.51 | 31589.35 | 0.00 | 1398.51 | 0.00 | | 12752.35 | |
| 97 | Flooring with 20 mm thick polished stratmead slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. First Floor | sqm | 48.00 | 1296.54 | 62233.92 | 48.00 | 1400.26 | 67212.63 | 57.19 | 80083.15 | 48.00 | 9.19 | 57.19 | 1400.26 | 80083.15 | 0.00 | 1400.26 | 0.00 | 12870.52 | | |
| 98 | Providing stair nosing for 25mm thick granite stratmead slab using required machinery including cost and conveyance of all materials, labour for all items of work. (HUM of assignment etc. ) complete as per specifications. Ground Floor | R.mt | 52.00 | 170.64 | 8873.28 | 52.00 | 184.29 | 9583.14 | 36.90 | 6800.35 | 36.90 | 0.00 | 36.90 | 184.29 | 6800.35 | 0.00 | 184.29 | 0.00 | | 2782.80 | |



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| 79 | Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications Ground Floor | Sqm | 25.00 | 31.32 | 783.00 | 25.00 | 33.83 | 845.64 | 5.54 | 187.53 | 5.54 | 0.00 | 5.54 | 33.83 | 187.53 | 0.00 | 33.83 | 0.00 | | 658.11 | |
| 80 | Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. First Floor | Sqm | 5.00 | 31.32 | 156.60 | 5.00 | 33.83 | 169.13 | 10.40 | 351.62 | 5.00 | 1.25 | 6.25 | 33.83 | 211.41 | 4.15 | 33.83 | 140.21 | 182.49 | | |
| 81 | Providing and applying enamel metal paint two coats ( excluding priming coat ) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Ground Floor | Sqm | 25.00 | 88.56 | 2214.00 | 25.00 | 95.64 | 2391.12 | 5.54 | 530.25 | 5.54 | 0.00 | 5.54 | 95.64 | 530.25 | 0.00 | 95.64 | 0.00 | | 1860.87 | |
| 82 | Providing and applying enamel metal paint two coats ( excluding priming coat ) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. First Floor | Sqm | 5.00 | 88.56 | 442.80 | 5.00 | 95.64 | 478.22 | 10.40 | 994.23 | 5.00 | 1.25 | 6.25 | 95.64 | 597.78 | 4.15 | 95.64 | 396.45 | 516.00 | | |
| 83 | Door Frame - Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS 277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with specral mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is meluding | R.mt | 26.10 | 658.80 | 17194.68 | 26.10 | 711.50 | 18570.25 | 10.20 | 7257.34 | 10.20 | 0.00 | 10.20 | 711.50 | 7257.34 | 0.00 | 711.50 | 0.00 | | 11312.91 | |
| 84 | Door Frame - Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS 277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including | R.mt | 5.30 | 658.80 | 3491.64 | 5.30 | 711.50 | 3770.97 | 0.00 | 0.00 | 5.30 | 1.33 | 6.63 | 711.50 | 4717.27 | -6.63 | 711.50 | -4717.27 | | 3770.97 | |

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| 85 | Door Shutters Entrance Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 0 60 mm thick conforming to the IS 14246 The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell Rigid polyurethane Foam (PUF) of density 40 Kg M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1 60 mm to be provided for fixing all hardware fixtures The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm longTower Bolt, transportation, loading, unloading, HOM etc Ground Floor | Sqm | 11.20 | 3812.40 | 42698.88 | 11.20 | 4117.39 | 46114.79 | 4.31 | 17725.37 | 4.31 | 0.00 | 4.31 | 4117.39 | 17725.37 | 0.00 | 4117.39 | 0.00 | | 28389.42 | |
| 86 | Door Shutters Entrance Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 0 60 mm thick conforming to the IS 14246 The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1 60 mm to be provided for fixing all hardware fixtures. The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm longTower Bolt, transportation, loading, unloading, HOM etc. First Floor | Sqm | 2.30 | 3812.40 | 8768.52 | 2.30 | 4117.39 | 9470.00 | 0.00 | 0.00 | 2.30 | 0.58 | 2.88 | 4117.39 | 11858.09 | -2.88 | 4117.39 | -11858.09 | | 9470.00 | |
| 87 | Providing and fixing in position in cement concrete 1:3:6 steel glazed or Unglazed windows fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1 419 Kg m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Kg m duly providing T section 19x19x3mm weighing 0 839 kg m for glazing of windows not more than 34 cms c to c including providing and fixing 4mm thick reeded glass with beakwood beading of required size or 1mm thick MS Sheet and 11 nos of 10mm square MS horizontal guard bars, all steel sections should confirm to I.S 7452 1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and riveted into the frames electrically All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinerycomplete as per specifications Ground Floor | Sqm | 18.80 | 4277.16 | 80410.61 | 18.80 | 4619.33 | 86843.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4619.33 | 0.00 | 0.00 | 4619.33 | 0.00 | | $6843.46 | |
| 88 | Providing and fixing in position in cement concrete 1:3:6 steel glazed or Unglazed windows fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1 419 Kg m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28Kg m duly providing T section 19x19x3mm weighing 0 839 kg m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with beakwood beading of required size or 1mm thick MS Sheet and 11 nos of 10mm square MS horizontal guard bars, all steel sections should confirm to I.S 7452 1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and riveted into the frames electrically All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinerycomplete as per specifications First Floor | Sqm | 1.50 | 4282.56 | 6423.84 | 1.50 | 4625.16 | 6937.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4625.16 | 0.00 | 0.00 | 4625.16 | 0.00 | | 6937.75 | |



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| 89 | Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc , consisting of following application (a) Applying and grouting a slurry coat of neat cement using 2 75 kg/ sqm of cement admixed with proprietary water proofing compound conforming to IS 2645 over the RCC slab after cleaning the surface before treatment (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1 5 admixed with proprietary water proofing compound conforming IS 2645 over 20mm thick layer of cement mortar 1 5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick joint less cement mortar of mix 1 4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat | Sqm | 288 00 | 976.32 | 281180.16 | 288.00 | 1054 43 | 303674.57 | 257.72 | 271741.29 | 257.72 | 0.00 | 257.72 | 1054.43 | 271741.29 | 0.00 | 1054.43 | 0.00 | | 31933.28 | |
| 90 | Providing and fixing M S Hand railing for Balcony / Staircase etc , with 50mm dia M S hollow pipe of 14 gauge, welded to 20mmx20mm M S square rod placed vertically, spaced at 100mm at regular intervals of 600mm These vertical rods laterally tied to 3 horizontal rods spaced at equal interval These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface All the joints and sections hould be cut to length, welded and grinded wherever necessary etc , complete The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc , complete as per specification and drawing. | Sqm | 11.00 | 2857.68 | 31434.48 | 11.00 | 3086.29 | 33949.24 | 81.90 | 252767.51 | 11.00 | 2.75 | 13.75 | 3086.29 | 42436.55 | 68.15 | 3086.29 | 210330.96 | 219318.27 | | |
| 91 | Providing and fixing on wall surface 2 5kg/sq cm P V C rain down water pipes (Spouts) 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications | Rmt | 8 00 | 507.60 | 4060.80 | 8.00 | 548 21 | 4385.66 | 18.00 | 9867.74 | 8.00 | 2.00 | 10.00 | 548.21 | 5482.08 | 8.00 | 548.21 | 4385.66 | 5482.08 | | |
| 92 | Providing wall black boards in CM 1 3 with two coats of black paint including finishing etc , complete (2 4mx1 5m) Ground Floor | Each | 5 00 | 992.52 | 4962.60 | 5.00 | 1071 92 | 5359.61 | 4.00 | 4287.69 | 4.00 | 0.00 | 4.00 | 1071.92 | 4287.69 | 0.00 | 1071.92 | 0.00 | | 1071.92 | |
| 93 | Providing wall black boards in CM 1 3 with two coats of black paint including finishing etc , complete (2 4mx1 5m) First Floor | Each | 1 00 | 992.52 | 992.52 | 1.00 | 1071 92 | 1071.92 | 1.00 | 1071.92 | 1.00 | 0.00 | 1.00 | 1071.92 | 1071.92 | 0.00 | 1071.92 | 0.00 | 0.00 | 0.00 | |
| 94 | Supplying heavy gauge PVC Conduit Pipe ... dia ... mm thick with suitable size bends, metal junction boxes adhesive paste etc , by Groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 25mm dia 2mm thick | Mtr | 385 00 | 57.00 | 21945.00 | 385.00 | 61 56 | 23700.60 | 385.00 | 23700.60 | 385.00 | 0.00 | 385.00 | 61.56 | 23700.60 | 0.00 | 61.56 | 0.00 | 0.00 | 0.00 | |
| 95 | Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete 10"x7"x3" (254x178x76mm) | Each | 9 00 | 87.00 | 783.00 | 9.00 | 93 06 | 845.64 | 9.00 | 845.64 | 9.00 | 0.00 | 9.00 | 93.96 | 845.64 | 0.00 | | 0.00 | 0.00 | 0.00 | |
| 96 | Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete 8"x6"x3" (203x152x76mm) | Each | 5 00 | 68.00 | 340.00 | 5.00 | 73 44 | 367.20 | 5.00 | 367.20 | 5.00 | 0.00 | 5.00 | 73.44 | 367.20 | 0.00 | 73.44 | 0.00 | 0.00 | 0.00 | |
| 97 | Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1 5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet. GROUP A | Each | 14 00 | 174.00 | 2436.00 | 14.00 | 188 92 | 2644.88 | 14.00 | 2644.88 | 14.00 | 0.00 | 14.00 | 188.92 | 2644.88 | 0.00 | 188.92 | 0.00 | 0.00 | 0.00 | |



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| 97 | Supplying 4 ft flush type socket and 4 ampic flush type 2P round pin surface flush receptacle in swapping gang box or on 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required | Each | 16.00 | 148.00 | 2368.00 | 16.00 | 152.20 | 2435.20 | 16.00 | 2435.20 | 16.00 | 0.00 | 16.00 | 152.20 | 2435.20 | 0.00 | 161.00 | 0.00 | 0.00 | 0.00 | |
| 98 | Wiring for lighting power circuit using one of FR1.5 PVC insulated 1100V grade, multistranded Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS:694 1990 & conforming to GTP of GROUP -A, 1.5 sq mm | Mtr | 485.00 | 18.60 | 9021.00 | 485.00 | 20.09 | 9742.65 | 485.00 | 9742.65 | 485.00 | 0.00 | 485.00 | 20.09 | 9742.65 | 0.00 | 20.09 | 0.00 | 0.00 | 0.00 | |
| 99 | Wiring for lighting power circuit using one of FR1.5 PVC insulated 1100V grade, multistranded Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS:694 1990 & conforming to GTP of GROUP -A, 2.5 sq mm | Mtr | 970.00 | 29.20 | 28324.00 | 970.00 | 31.54 | 30589.92 | 970.00 | 30589.92 | 970.00 | 0.00 | 970.00 | 31.54 | 30589.92 | 0.00 | 31.54 | 0.00 | 0.00 | 0.00 | |
| 101 | Wiring for lighting power circuit using one of FR1.5 PVC insulated 1100V grade, multistranded Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS:694 1990 & conforming to GTP of GROUP -A, 4 sq mm | Mtr | 60.00 | 85.40 | 5124.00 | 60.00 | 92.23 | 5533.92 | 60.00 | 5533.92 | 60.00 | 0.00 | 60.00 | 92.23 | 5533.92 | 0.00 | 92.23 | 0.00 | 0.00 | 0.00 | |
| 102 | Supplying 4mm thick plastic sheet with necessary switches for fixing switches, regulators etc and fixing on existing wooden or metal box using N.F. screws | Sqcm | 5490.00 | 0.25 | 1372.50 | 5490.00 | 0.27 | 1482.30 | 5490.00 | 1482.30 | 5490.00 | 0.00 | 5490.00 | 0.27 | 1482.30 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | |
| 103 | Supply and fixing of Metal fan hook here | Each | 13.00 | 92.00 | 1196.00 | 13.00 | 99.36 | 1291.68 | 13.00 | 1291.68 | 13.00 | 0.00 | 13.00 | 99.36 | 1291.68 | 0.00 | 99.36 | 0.00 | 0.00 | 0.00 | |
| 104 | Supplying and fixing of modular switch 5no Set Stamped Electronic fan regulator Dimmer bell/phone socket etc on existing modular switch plate as per IS 3854 & IS 1293 (GROUP A | Each | 4.00 | 67.00 | 268.00 | 4.00 | 72.36 | 289.44 | 4.00 | 289.44 | 4.00 | 0.00 | 4.00 | 72.36 | 289.44 | 0.00 | 72.36 | 0.00 | 0.00 | 0.00 | |
| 105 | Supplying 6ft tri-pin suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector Pre-wired with HF electronic ballast, push fit type lamp holders & mains connectors Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic. | Each | 8.00 | 990.00 | 7920.00 | 8.00 | 1069.20 | 8553.60 | 8.00 | 8553.60 | 8.00 | 0.00 | 8.00 | 1069.20 | 8553.60 | 0.00 | 1069.20 | 0.00 | 0.00 | 0.00 | |
| 106 | Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends metal junction boxes adhesive paste etc by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary | Mtr | 65.00 | 58.00 | 3770.00 | 65.00 | 62.64 | 4071.60 | 65.00 | 4071.60 | 65.00 | 0.00 | 65.00 | 62.64 | 4071.60 | 0.00 | 62.64 | 0.00 | 0.00 | 0.00 | |
| 107 | Wiring for lighting power circuit using one of FR1.5 PVC insulated 1100V grade, multistranded Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS:694 1990 & conforming to GTP of GROUP -A | Mtr | 50.00 | 42.10 | 2105.00 | 50.00 | 45.47 | 2273.40 | 50.00 | 2273.40 | 50.00 | 0.00 | 50.00 | 45.47 | 2273.40 | 0.00 | 45.47 | 0.00 | 0.00 | 0.00 | |
| 108 | Supplying and fixing regular MCB distribution boards on wall wood board flush mounting using required clamps, bolts, nuts etc , with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting etc ,(4Ways TP&N DB's DD) | Each | 2.00 | 2867.00 | 5734.00 | 2.00 | 3096.36 | 6192.72 | 2.00 | 6192.72 | 2.00 | 0.00 | 2.00 | 3096.36 | 6192.72 | 0.00 | 3096.36 | 0.00 | 0.00 | 0.00 | |
| 109 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898 | Each | 7.00 | 418.00 | 2926.00 | 7.00 | 452.44 | 3167.08 | 7.00 | 3167.08 | 7.00 | 0.00 | 7.00 | 452.44 | 3167.08 | 0.00 | 452.44 | 0.00 | 0.00 | 0.00 | |
| 110 | Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood panel board ( 63 Amps 4 pole ELMCB) | Each | 1.00 | 3350.00 | 3350.00 | 1.00 | 3618.00 | 3618.00 | 1.00 | 3618.00 | 1.00 | 0.00 | 1.00 | 3618.00 | 3618.00 | 0.00 | 3618.00 | 0.00 | 0.00 | 0.00 | |
| 111 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth The connection from the pipe to the conduit etc , is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc , the pipe shall have 16 through holes of 122 mm dia | Each | 2.00 | 2727.00 | 5454.00 | 2.00 | 2945.16 | 5890.32 | 2.00 | 5890.32 | 2.00 | 0.00 | 2.00 | 2945.16 | 5890.32 | 0.00 | 2945.16 | 0.00 | 0.00 | 0.00 | |



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| 72 | Supplying and running 3/2.5sqmm conductor for grounding and along with other wires in conduit system or wiring using necessary suitable size clamps, nails, gutter staples etc. (3.5 Wire | Mtr | 82.00 | 19.50 | 1674.00 | 68.00 | 27.28 | 1263.60 | 68.00 | 1263.60 | 68.00 | 0.00 | 68.00 | 21.06 | 1263.60 | 0.00 | 21.06 | 0.00 | 0.00 | 0.00 | |
| 73 | Point wiring using Cimmer wire with switch. Supplying and wiring admitting over system in existing PVC Conduit using earthing using 2.0MV grade, COPPER conductor flexible multistrand PELS PVC insulated, 2 NO. 85sq.mm Cable confirming to the GSP, with a 16amps flush type SP ampere switch shall be fitted on the existing plastic sheet. going box, the other end of the wires shall be terminated with sufficient loose length in a round PVC round block, complete for each outlet. GROUP A-Short point upto 3Mtr | Point | 92.00 | 174.00 | 16748.00 | 91.00 | 187.52 | 17079.20 | 91.00 | 17079.20 | 91.00 | 0.00 | 91.00 | 187.52 | 17079.20 | 0.00 | 187.52 | 0.00 | 0.00 | 0.00 | |
| 73a | Point wiring using Cimmer wire with switch. Supplying and wiring admitting over system in existing PVC Conduit using earthing using 2.0MV grade, COPPER conductor flexible multistrand PELS PVC insulated, 2 NO. 85sq.mm Cable confirming to the GSP, with a 16amps flush type SP ampere switch shall be fitted on the existing plastic sheet. going box, the other end of the wires shall be terminated with sufficient loose length in a round PVC round block, complete for each outlet. GROUP A-Medium point upto 8Mtr | Point | 92.00 | 285.00 | 2958.00 | 91.00 | 264.85 | 2946.00 | 91.00 | 2946.00 | 91.00 | 0.00 | 91.00 | 264.60 | 2946.30 | 0.00 | 264.60 | 0.00 | 0.00 | 0.00 | |
| 73b | Point wiring using Cimmer wire with switch. Supplying and wiring admitting over system in existing PVC Conduit using earthing using 2.0MV grade, COPPER conductor flexible multistrand PELS PVC insulated, 2 NO. 85sq.mm Cable confirming to the GSP, with a 16amps flush type SP ampere switch shall be fitted on the existing plastic sheet. going box, the other end of the wires shall be terminated with sufficient loose length in a round PVC round block, complete for each outlet. GROUP A-Long point upto 20Mtr | Point | 92.00 | 363.00 | 3630.00 | 91.00 | 392.04 | 3920.40 | 91.00 | 3920.40 | 91.00 | 0.00 | 91.00 | 392.04 | 3920.40 | 0.00 | 392.04 | 0.00 | 0.00 | 0.00 | |
| 74 | Conveyance Conduit System Supplying metric gauge PVC conduit pipe ..... mm dia. .....mm thick confirming to IS 2509 with suitable size bends, inserts/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement only by using binding wires and ancient wires of junction boxes and pipe ends should be covered using PVC end enclosures, tin with IBS#/G.I. Exit wire wherever necessary - 25mm dia 2mm thick | Mtr | 250.00 | 57.00 | 14250.00 | 250.00 | 61.56 | 15390.00 | 313.00 | 19391.40 | 250.00 | 62.50 | 312.50 | 61.56 | 19237.50 | 2.50 | 61.56 | 153.90 | 4002.40 | | |
| 77 | Supplying and fixing of Standard electronic regulator Socket type. (1.25 a. Group A | Each | 9.00 | 67.00 | 603.00 | 9.00 | 72.36 | 651.24 | 9.00 | 651.24 | 9.00 | 0.00 | 9.00 | 72.36 | 651.24 | 0.00 | 72.36 | 0.00 | 0.00 | 0.00 | |
| 78 | Supplying and fixing PSBC industrial straight or slant feather insulator and wiring, within 650 Volts lamps (a) Group A | Each | 38.00 | 88.00 | 3344.00 | 38.00 | 95.04 | 3611.52 | 38.00 | 3611.52 | 38.00 | 0.00 | 38.00 | 95.04 | 3611.52 | 0.00 | 95.04 | 0.00 | 0.00 | 0.00 | |
| 79 | Supplying of slim iron type fluorescent fitting, made out of PVC Body with 20W Energy Saving Device, best base 10% THD, pf > 0.90, auto cut off facility lacking type holder 1 No. of 4'-20W fluorescent tube and energetically wired for use on 90V to 250V grade 50 cycle AC supply | Each | 16.00 | 678.00 | 10728.00 | 16.00 | 723.60 | 11577.60 | 16.00 | 11577.60 | 16.00 | 0.00 | 16.00 | 723.60 | 11577.60 | 0.00 | 723.60 | 0.00 | 0.00 | 0.00 | |
| 80 | Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles, Single phase AC supply conforming to IS:374-1979 and with double ball bearing system. 48" Sweep (1200mm) | Each | 13.00 | 2376.00 | 30888.00 | 13.00 | 2566.08 | 33359.04 | 13.00 | 33359.04 | 13.00 | 0.00 | 13.00 | 2566.08 | 33359.04 | 0.00 | 2566.08 | 0.00 | 0.00 | 0.00 | |
| 81 | Fixing all types and all capacities of fluorescent false ceiling, spot light, CFL, LED fittings indoor on the wall, ceiling, rafters, girders using 2/0.02/3/0.29 twin twisted PVC insulated wires, assumed 5nos of round brackets and clamps. | Each | 24.00 | 98.00 | 2352.00 | 24.00 | 105.84 | 2540.16 | 24.00 | 2540.16 | 24.00 | 0.00 | 24.00 | 105.84 | 2540.16 | 0.00 | 105.84 | 0.00 | 0.00 | 0.00 | |
| 82 | Fixing a ceiling/wall mounting fan of all capacities and all types as the existing 3 nos. with fan regulator for the existing board together with supplying and fixing a 3 ampere ceiling rose, necessary length of 23/0.029 mm PVC insulated twin twisted copper wire and wiring complete. | Each | 13.00 | 139.00 | 1807.00 | 13.00 | 150.12 | 1951.56 | 13.00 | 1951.56 | 13.00 | 0.00 | 13.00 | 150.12 | 1951.56 | 0.00 | 150.12 | 0.00 | 0.00 | 0.00 | |
| 83 | Digging of trench of 1.0m deep x 0.30 mtr wide refilling the trench to the removed ground level and consolidating etc. complete | Mtr | 60.00 | 106.00 | 6360.00 | 60.00 | 114.48 | 6868.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 114.48 | 0.00 | 0.00 | 114.48 | 0.00 | | 6868.80 | |



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| 124 | Supplying of 1 1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975 1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1 1988 & confirming to GTP of GROUP-A | Mtr | 50.00 | 265.00 | 13250.00 | 50.00 | 286.20 | 14310.00 | 50.00 | 14310.00 | 50.00 | 0.00 | 50.00 | 286.20 | 14310.00 | 0.00 | 286.20 | 0.00 | 0.00 | 0.00 | |
| 125 | Labour charges for laying of 1 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required in existing trench/duct | Mtr | 50.00 | 16.20 | 810.00 | 50.00 | 17.50 | 874.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.50 | 0.00 | 0.00 | 17.50 | 0.00 | | 874.80 | |
| 126 | Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality( 1 0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction | No | 2.00 | 1938.46 | 3876.92 | 2.00 | 2093.54 | 4187.07 | 2.00 | 4187.07 | 2.00 | 0.00 | 2.00 | 2093.54 | 4187.07 | 0.00 | 2093.54 | 0.00 | 0.00 | 0.00 | |
| 127 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minumum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 0 to 50 m | Mtr | 100.00 | 315.18 | 31518.00 | 100.00 | 340.39 | 34039.44 | 100.00 | 34039.44 | 100.00 | 0.00 | 100.00 | 340.39 | 34039.44 | 0.00 | 340.39 | 0.00 | 0.00 | 0.00 | |
| 128 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 50 to 100 m | Mtr | 100.00 | 412.00 | 41200.00 | 100.00 | 444.96 | 44496.00 | 100.00 | 44496.00 | 100.00 | 0.00 | 100.00 | 444.96 | 44496.00 | 0.00 | 444.96 | 0.00 | 0.00 | 0.00 | |
| 129 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 100 to 150 m | Mtr | 100.00 | 458.35 | 45835.00 | 100.00 | 496.02 | 49601.80 | 100.00 | 49601.80 | 100.00 | 0.00 | 100.00 | 496.02 | 49601.80 | 0.00 | 496.02 | 0.00 | 0.00 | 0.00 | |
| 130 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 150 to 200 m | Mtr | 100.00 | 484.10 | 48410.00 | 100.00 | 522.83 | 52282.80 | 100.00 | 52282.80 | 100.00 | 0.00 | 100.00 | 522.83 | 52282.80 | 0.00 | 522.83 | 0.00 | 0.00 | 0.00 | |
| 131 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 200 to 250 m | Mtr | 100.00 | 560.32 | 56032.00 | 100.00 | 605.15 | 60514.56 | 100.00 | 60514.56 | 100.00 | 0.00 | 100.00 | 605.15 | 60514.56 | 0.00 | 605.15 | 0.00 | 0.00 | 0.00 | |



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| 132 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 251 to 300 m | Mtr | 100.00 | 600.49 | 60049.00 | 100.00 | 648.53 | 64852.92 | 100.00 | 64852.92 | 100.00 | 0.00 | 100.00 | 648.53 | 64852.92 | 0.00 | 648.53 | 0.00 | 0.00 | 0.00 | |
| 133 | Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) | Mtr | 90.00 | 1325.00 | 119250.00 | 90.00 | 1431.00 | 128790.00 | 90.00 | 128790.00 | 90.00 | 0.00 | 90.00 | 1431.00 | 128790.00 | 0.00 | 1431.00 | 0.00 | 0.00 | 0.00 | |
| 134 | Providing 250mm dia PVC Pipe | Rmtr | 30.00 | 1144.00 | 34320.00 | 30.00 | 1235.52 | 37065.60 | 30.00 | 37065.60 | 30.00 | 0.00 | 30.00 | 1235.52 | 37065.60 | 0.00 | 1235.52 | 0.00 | 0.00 | 0.00 | |
| 135 | Providing 175mm dia ms casing cap | no | 2.00 | 100.00 | 200.00 | 2.00 | 108.00 | 216.00 | 2.00 | 216.00 | 2.00 | 0.00 | 2.00 | 108.00 | 216.00 | 0.00 | 108.00 | 0.00 | 0.00 | 0.00 | |
| 136 | Providing MS Casing pipe collars | no | 20.00 | 150.00 | 3000.00 | 20.00 | 162.00 | 3240.00 | 20.00 | 3240.00 | 20.00 | 0.00 | 20.00 | 162.00 | 3240.00 | 0.00 | 162.00 | 0.00 | 0.00 | 0.00 | |
| 137 | Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH , 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return value etc complete . The pump and motor shall form an integral unit with all the required fittings | no | 2.00 | 74300.00 | 148600.00 | 2.00 | 80247.00 | 160494.00 | 1.00 | 80247.00 | 1.00 | 0.00 | 1.00 | 80247.00 | 80247.00 | 0.00 | 80247.00 | 0.00 | | 80247.00 | |
| 138 | Providing and fixing to wall ceiling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt ) B class 50 mm dia nominal bore with all fittings ( earth work in trenches to be measured and paid for separately ) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications | Mtr | 420.00 | 525.30 | 220626.00 | 420.00 | 569.32 | 239116.08 | 294.00 | 167381.26 | 294.00 | 0.00 | 294.00 | 569.32 | 167381.26 | 0.00 | 569.32 | 0.00 | | 71734.82 | |
| 139 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and Powder coated extruded PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO grp OFGROUP A | Mtr | 600.00 | 188.70 | 113220.00 | 600.00 | 203.80 | 122277.60 | 314.00 | 63991.94 | 314.00 | 0.00 | 314.00 | 203.80 | 63991.94 | 0.00 | 203.80 | 0.00 | | 58285.66 | |
| 140 | Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length | NO | 100.00 | 88.00 | 8800.00 | 100.00 | 95.04 | 9504.00 | 49.00 | 4656.96 | 49.00 | 0.00 | 49.00 | 95.04 | 4656.96 | 0.00 | 95.04 | 0.00 | | 4847.04 | |
| 141 | Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., | Each | 2.00 | 302.00 | 604.00 | 2.00 | 326.16 | 652.32 | 1.00 | 326.16 | 1.00 | 0.00 | 1.00 | 326.16 | 326.16 | 0.00 | 326.16 | 0.00 | | 326.16 | |
| 142 | Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shathed, EXTREDED INNER SHEATHRD galvnised steel,strp confirming IS 3975,1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1,1998 and confirming to GTP of group | Mtr | 60.00 | 140.40 | 8424.00 | 60.00 | 152.63 | 9157.92 | 60.00 | 9157.92 | 60.00 | 0.00 | 60.00 | 152.63 | 9157.92 | 0.00 | 152.63 | 0.00 | 0.00 | 0.00 | |
| 143 | Labour charges for laying of 1.1 K V class UG cable, P No 61 / I No 7.8.1 In existing treneg/duct 6Sqmm to 16 Sqmm) | Mtr | 60.00 | 10.80 | 648.00 | 60.00 | 11.66 | 699.84 | 60.00 | 699.84 | 60.00 | 0.00 | 60.00 | 11.66 | 699.84 | 0.00 | 11.66 | 0.00 | 0.00 | 0.00 | |
| 144 | Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc , complete For Cutting Road Surface asphalt | Mtr | 60.00 | 117.00 | 7020.00 | 60.00 | 126.36 | 7581.60 | 60.00 | 7581.60 | 60.00 | 0.00 | 60.00 | 126.36 | 7581.60 | 0.00 | 126.36 | 0.00 | 0.00 | 0.00 | |
| 145 | Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia GI pipe | Mtr | 6.00 | 345.00 | 2070.00 | 6.00 | 372.60 | 2235.60 | 3.00 | 1117.80 | 3.00 | 0.00 | 3.00 | 372.60 | 1117.80 | 0.00 | 372.60 | 0.00 | | 1117.80 | |



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| 146 | Supplying and fixing L. T. cast iron pot head suitable for 1.1 KV class 1Cr cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., 16Sqmm | NO | 2.00 | 280.00 | 560.00 | 2.00 | 302.40 | 604.80 | 1.00 | 302.40 | 1.00 | 0.00 | 1.00 | 302.40 | 302.40 | 0.00 | 302.40 | 0.00 | | 302.40 | |
| 147 | Supplying, fixing, wiring, earth electrode for grounding conduits, I/C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of soft and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3 Ps 732 using 12 mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 diameter holes of 12.5 mm dia | NO | 2.00 | 2727.00 | 5454.00 | 2.00 | 2945.16 | 5890.32 | 1.00 | 2945.16 | 1.00 | 0.00 | 1.00 | 2945.16 | 2945.16 | 0.00 | 2945.16 | 0.00 | | 2945.16 | |
| 148 | Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete 100 Amps | Each | 6.00 | 360.00 | 2160.00 | 6.00 | 389.90 | 2338.80 | 3.00 | 1169.40 | 3.00 | 0.00 | 3.00 | 389.80 | 1169.40 | 0.00 | 389.80 | 0.00 | | 1169.40 | |
| 149 | Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete 25mm dia | No | 24.00 | 86.00 | 2064.00 | 24.00 | 92.88 | 2229.12 | 12.00 | 1114.56 | 12.00 | 0.00 | 12.00 | 92.88 | 1114.56 | 0.00 | 92.88 | 0.00 | | 1114.56 | |
| 150 | Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials wiring complete as requireds 5 to 32 amps triple pole with all lead and lift loading, unloading and labour charges etc complete as per specifications | Each | 2.00 | 1847.00 | 3694.00 | 2.00 | 1670.76 | 3341.52 | 1.00 | 1670.76 | 1.00 | 0.00 | 1.00 | 1670.76 | 1670.76 | 0.00 | 1670.76 | 0.00 | | 1670.76 | |
| 151 | Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs 0.33 (16SWG) | Sq Cm | 58500.00 | 0.33 | 19305.00 | 58500.00 | 0.35 | 20475.00 | 29250.00 | 10237.50 | 29250.00 | 0.00 | 29250.00 | 0.35 | 10237.50 | 0.00 | 0.35 | 0.00 | | 10237.50 | |
| 152 | IS:5312-1-7.1.4 Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications | NOS | 2.00 | 1540.88 | 3081.76 | 2.00 | 1664.15 | 3328.30 | 1.00 | 1664.15 | 1.00 | 0.00 | 1.00 | 1664.15 | 1664.15 | 0.00 | 1664.15 | 0.00 | | 1664.15 | |
| 153 | Providing HDPE/PP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials fixtures and conveyance to work spot etc., complete 50mm dia | NOS | 6.00 | 221.45 | 1328.70 | 6.00 | 239.17 | 1435.00 | 6.00 | 1435.00 | 6.00 | 0.00 | 6.00 | 239.17 | 1435.00 | 0.00 | 239.17 | 0.00 | 0.00 | 0.00 | |
| 154 | Gate valve 50 mm nominal bore gun metal 50mm dia | NOS | 6.00 | 1650.00 | 9900.00 | 6.00 | 1782.00 | 10692.00 | 6.00 | 10692.00 | 6.00 | 0.00 | 6.00 | 1782.00 | 10692.00 | 0.00 | 1782.00 | 0.00 | 0.00 | 0.00 | |
| 155 | NIPPLE 50 mm nominal bore gun metal 50mm dia | NOS | 2.00 | 104.30 | 208.60 | 2.00 | 112.64 | 225.29 | 1.00 | 112.64 | 1.00 | 0.00 | 1.00 | 112.64 | 112.64 | 0.00 | 112.64 | 0.00 | | 112.64 | |
| 156 | S SOCKET 50 mm nominal bore gun metal 50mm dia | NOS | 6.00 | 219.00 | 1314.00 | 6.00 | 236.52 | 1419.12 | 3.00 | 709.56 | 3.00 | 0.00 | 3.00 | 236.52 | 709.56 | 0.00 | 236.52 | 0.00 | | 709.56 | |
| 157 | TEE 50 mm nominal bore gun metal 50mm dia | NOS | 2.00 | 169.00 | 338.00 | 2.00 | 182.52 | 365.04 | 2.00 | 365.04 | 2.00 | 0.00 | 2.00 | 182.52 | 365.04 | 0.00 | 182.52 | 0.00 | 0.00 | 0.00 | |
| 158 | Supplying and delivery at site brand new star / Lasers/ Leinchon-shines/Edaraby GE Controls best indigenous make combined energy meter - cum-control panel board unit of size 600x450 x200 mm minimum mechanically strong, vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph. 50Hz. 380/440 volts, A.C. supply with spring loaded latch locking device with a key nits should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable purpose | NO | 2.00 | 10000.00 | 20660.00 | 2.00 | 10800.00 | 21600.00 | 1.00 | 10800.00 | 1.00 | 0.00 | 1.00 | 10800.00 | 10800.00 | 0.00 | 10800.00 | 0.00 | | 10800.00 | |
| 159 | Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications | cmt | 45.00 | 161.71 | 7276.96 | 48.00 | 175.05 | 7904.11 | 48.00 | 7904.11 | 48.00 | 0.00 | 48.00 | 175.68 | 7904.11 | 0.00 | 175.68 | 0.00 | 0.00 | 0.00 | |



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| 160 | Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and hfl charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc complete PVC pipe of 6kg/cm2 75 mm (0 662) | Rmtr | 100 00 | 131.84 | 13184.00 | 100.00 | 142 49 | 14249.00 | 100.00 | 142.49.00 | 100.00 | 0.00 | 100.00 | 142.49 | 14249.00 | 0.00 | 142.49 | 0.00 | 0.00 | 0.00 | |
| 161 | Filling available excavated earth (exeluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications | cmtr | 45 00 | 95.40 | 4293.00 | 45.00 | 104 11 | 4685.04 | 45.00 | 4685.04 | 45.00 | 0.00 | 45.00 | 104.11 | 4685.04 | 0.00 | 104.11 | 0.00 | 0.00 | 0.00 | |
| 162 | BESCOM Deposit | No | 2 00 | 14000.00 | 28000.00 | 2.00 | 14000 00 | 28000.00 | 1.00 | 14000.00 | 1.00 | 0.00 | 1.00 | 14000.00 | 14000.00 | 0.00 | 14000.00 | 0.00 | 0.00 | 14000.00 | |
| | | | | | 21570310.62 | | | 23295935.37 | | 19801747.54 | | | | | 16981170.63 | | | 2820576.91 | 3502524.88 | 6997244.62 | |
| | **Grand Total Rs.** | | | | | | | | | | | | | | | | | | | | |
| | **Extra Items** | | | | | | | | | | | | | | | | | | | | |
| 1 | KSRRB M400-6 1 Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications A Plant Mix Method. - For Grading II Material 1 No 20 4 2 of S R 2016-17 | Cu-m | | | | | | | | 680671.60 | | | 283 80 | 2398.42 | 680671.60 | | | | 680671.60 | | |
| 2 | KSRRB M500-16 Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H M P. using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P No 163 1 No. 21 17 6 of PW,P&IWTD S R 2016-17) | Cu-m | | | | | | | | 2058868.89 | | | 249 70 | 8245.37 | 2058868.89 | | | | 2058868.89 | | |
| 3 | KSRB 9 4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves ( excluding cost of cement concrete and side clamps ), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No KBS 9.33 Item No - 9.11 | Cu-m | | | | | | | | 59985.04 | | | 0 50 | 119970.07 | 59985.04 | | | | 59985.04 | | |
| 4 | Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal | Sqm | | | | | | | | 73249.92 | | | 15.70 | 4665.60 | 73249.92 | | | | 73249.92 | | |



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| 5 | Providing and fixing M.S grill work for windows and ventilators weighing 21 kg/sqm using M.S flats, or M.S square rods, or combination of M.S flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions Specification No. KBS 7.12 (Consider 21 Kg/ Sqm) | Sq-m | | | | | | | | | 57317.40 | | | 630.00 | 90.98 | 57317.40 | | | | 57317.40 | | |
| 6 | KSRB 7.10 Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm thick weight 0.639 kg/m, and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc , and providing and fixing 5.5mm thick plain glass for shutters fitted | Sqm | | | | | | | | | 147310.81 | | | 32.40 | 4546.63 | 147310.81 | | | | 147310.81 | | |
| 7 | PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of | Sq-m | | | | | | | | | 22228.72 | | | 24.75 | 898.13 | 22228.72 | | | | 22228.72 | | |
| 8 | Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint (P.No 266 1 No 37.4 of PW,P&IWTD SR of 2016-17 | Mtrs | | | | | | | | | 12282.08 | | | 32.50 | 377.91 | 12282.08 | | | | 12282.08 | | |
| 9 | Providing vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification ( Page No - 109, item No 14.45) | sq-m | | | | | | | | | 133794.10 | | | 103.15 | 1297.04 | 133794.10 | | | | 133794.10 | | |
| 10 | KSRB 14.14-5 Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick ( Page No - 108, item No 14.36.3) | sq-m | | | | | | | | | 13578.75 | | | 9.88 | 1374.02 | 13578.75 | | | | 13578.75 | | |

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| 11 | KSRB 13-11 1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No KBS 13.22 (P No 96, I No 13.78 of PW, P&IWTD S.R 2016-17) | sq-m | | | | | | | | | 9875.91 | | | 1.00 | 9875.91 | 9875.91 | | | | 9875.91 | | |
| 12 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc ) - 20mm nominal OD pipes (P No 99, I No 13.86.2 of KPWD SR 2016-17) | Mtrs | | | | | | | | | 36741.00 | | | 150.00 | 244.94 | 36741.00 | | | | 36741.00 | | |
| 13 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and good the walls etc ) - 25mm nominal OD pipes(P No 99, I No 13.86.3 of KPWD SR 2018-19) | Mtrs | | | | | | | | | 43740.00 | | | 150.00 | 291.60 | 43740.00 | | | | 43740.00 | | |
| 14 | KSRB13-8 5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Specification No KBS 13.2.15.1 / 13.9(P No 96, I No 13.70.4 of PW, P&IWTD S.R 2018-19) | Mtrs | | | | | | | | | 20762.00 | | | 50.00 | 415.24 | 20762.00 | | | | 20762.00 | | |
| 15 | KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications (P No 84, I No 12.41 of KPWD SR 2018-19) | Unit | | | | | | | | | 2752.70 | | | 2.00 | 1376.35 | 2752.70 | | | | 2752.70 | | |
| 16 | Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia (P No 90, I No 12.111 of KPWD SR 2018-19) | Each | | | | | | | | | 3732.40 | | | 20.00 | 186.62 | 3732.40 | | | | 3732.40 | | |
| 17 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) - 10cms x 7.5cms (P No 90, I No 12.113.1 of KPWD SR 2018-19) | Each | | | | | | | | | 2916.00 | | | 10.00 | 291.60 | 2916.00 | | | | 2916.00 | | |
| 18 | KSRB13-6 1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specification No KBS 13.2.2 / 13.3 (P No 93, I No 13.23 of KPWD SR 2018-19) | Each | | | | | | | | | 2694.40 | | | 10.00 | 269.44 | 2694.40 | | | | 2694.40 | | |



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| 19 | KSRB13-6 3-3 : Providing and fixing in position brass gate valve with C I wheel of approved quality ( screwed end ) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No KBS 13 2 6 / 13.3 (P No 94/ I No 13 34 of KPWD SR 2018-19) | Each | | | | | | | | | 10497.60 | | | 15 00 | 699.84 | 10497.60 | | | | 10497.60 | | |
| 20 | KSRB 11 -6 : Providing and fixing white vitreous china clay, water closet European type ( Pedestal type, S-trap ) with black solid plastic seat and lid, C P brass hinges, rubber buffers. 10 litre white glazed I vitreous china clay low level, flushing cistern ( all are approved make ) with fittings, C I I M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (P No 79 I No 12.5 of KPWD SR 2018-19) | Each | | | | | | | | | 11967.26 | | | 2 00 | 5983.63 | 11967.26 | | | | 11967.26 | | |
| 21 | KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No KBS 11 (P No 82 I No 12.23 of PWDSR 2018-19) | Unit | | | | | | | | | 18130.52 | | | 4 00 | 4532.63 | 18130.52 | | | | 18130.52 | | |
| 22 | KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 79, I No 12.2 of KPWD SR 2018-19) | Pan | | | | | | | | | 15172.53 | | | 3.00 | 5057.51 | 15172.53 | | | | 15172.53 | | |
| 23 | KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No KBS 11 (P No 80 I No 12 7 of PWDSR 2018-19) | Unit | | | | | | | | | 10382.13 | | | 3.00 | 3460.71 | 10382.13 | | | | 10382.13 | | |
| 24 | KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications (P No 119, I No 15 58 of PW, P&IWTD SR 2016-17) | Sqm | | | | | | | | | 560.48 | | | 15.50 | 36.16 | 560.48 | | | | 560.48 | | |
| 25 | Providing and applying painting two coats ( excluding priming coat ) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete us per specifications (Page. No. 121 Item No 15.60 I SR 2018-19) | sqm | | | | | | | | | 1518.69 | | | 15.50 | 97.98 | 1518.69 | | | | 1518.69 | | |



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| 26 | SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge | Sqm | | | | | | | | 4831.55 | | | 7.88 | 613.53 | 4831.55 | | | | 4831.55 | | |
| 27 | SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges | sqm | | | | | | | | 27932.40 | | | 7.50 | 3724.32 | 27932.40 | | | | 27932.40 | | |
| 28 | Supplying of 1440rpm Heavy Duty Exhaust fan with braket blades suitable to operate an 230V 50HZ, AC Supply complete- 15" Sweep (450mm)- Group A | Each | | | | | | | | 9491.04 | | | 2.00 | 4745.52 | 9491.04 | | | | 9491.04 | | |
| | | | | | | | | | | 3492985.91 | | | | | 3492985.91 | | | | 3492985.91 | | |
| | Sub Total | | | | 21570310.62 | | | 23295935.37 | | 23236596.86 | | | | | 20531706.05 | | | | 6995510.78 | 7054849.29 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | Sub Total | | | | 21570310.62 | | | | | | | | | | | | | | | | |
| | For PMC / Third Party | | | | 420621.06 | | | | | | | | | | | | | | | | |
| | Miscellaneous & Rounding off | | | | 9068.33 | | | | | | | | | | | | | | | | |
| | Total | | | | 22000000.00 | | | | | | | | | | | | | | | | |

Workslip and EfRL Amount / Amount put to tender = 30.03 %

Contractor

Assistant Engineer

Assistant Executive Engineer
Yelahanka Project Division, Byatarayanapura

Executive Engineer
Yelahanka Project Division, Byatarayanapura

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Chief Engineer
Yelahanka Project Division, Byatarayanapura

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